

PATENT ABSTRACTS OF JAPAN

(11)Publication number :

10-082930

(43)Date of publication of application : 31. 03. 1998

(51)Int. Cl.

G02B 6/42

(21)Application number : 08-236430

(71)Applicant : MITSUBISHI ELECTRIC CORP

(22)Date of filing : 06. 09. 1996

(72)Inventor : SAKAINO TAKESHI

GOTO KATSUHIKO

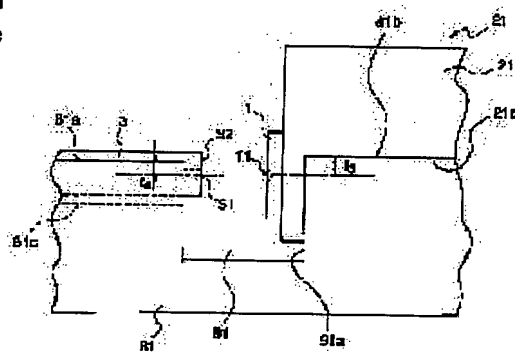
AOYANAGI TOSHITAKA

(54) OPTICAL MODULE AND ITS PRODUCTION

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an optical module which facilitates mounting a photodiode and has good aligning accuracy in the height direction of the photodiode and an optical fiber and a process for producing the same.

SOLUTION: This optical module is formed by mounting the photodiode 1 on the flank of a block in the position where the distance t3 from the photodetecting part 11 of the photodiode 1 to the rear surface 21c of the block coincides with the distance t4 from the core 31 of the optical fiber 3 to the front surface 81a of a substrate. The block 21 is arranged by making the rear surface 21c of the block about on the front surface 81b of the substrate of the same height as the height of the front surface 81a of the substrate arranged with the optical fiber 3 in such a manner that the photodetecting surface of the photodiode 1 faces the front end face of the optical fiber 3.



LEGAL STATUS

[Date of request for examination] 27. 12. 2001

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against
examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998, 2003 Japan Patent Office